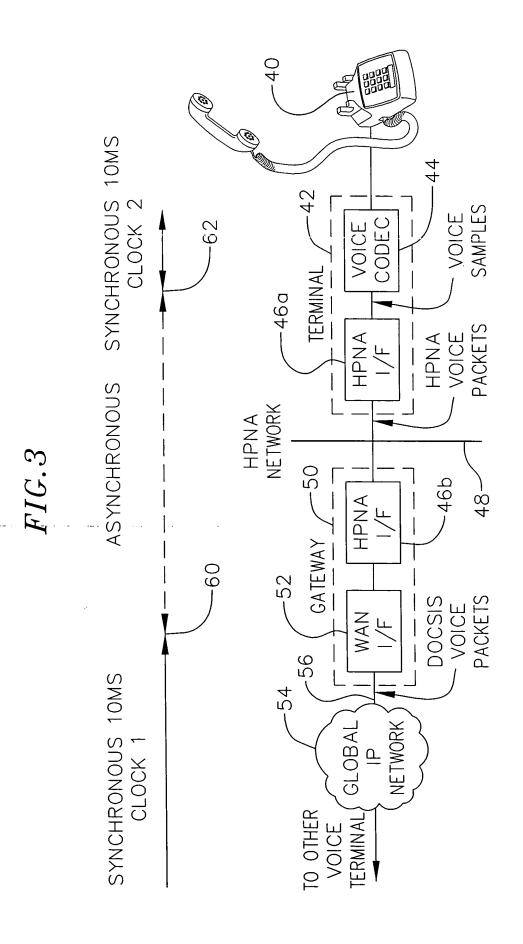
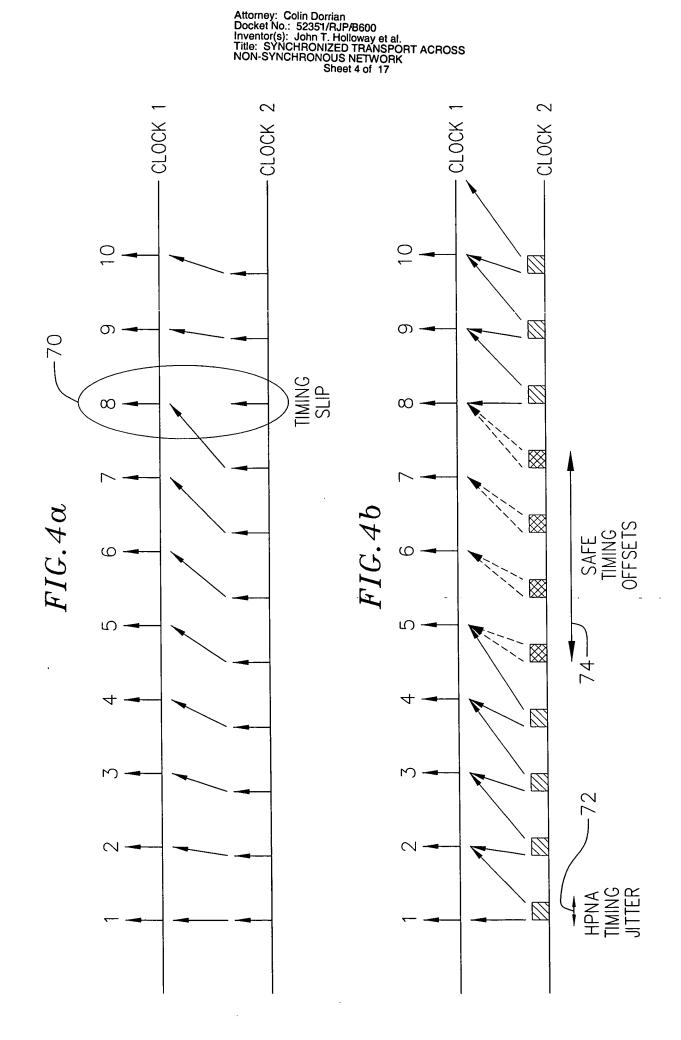
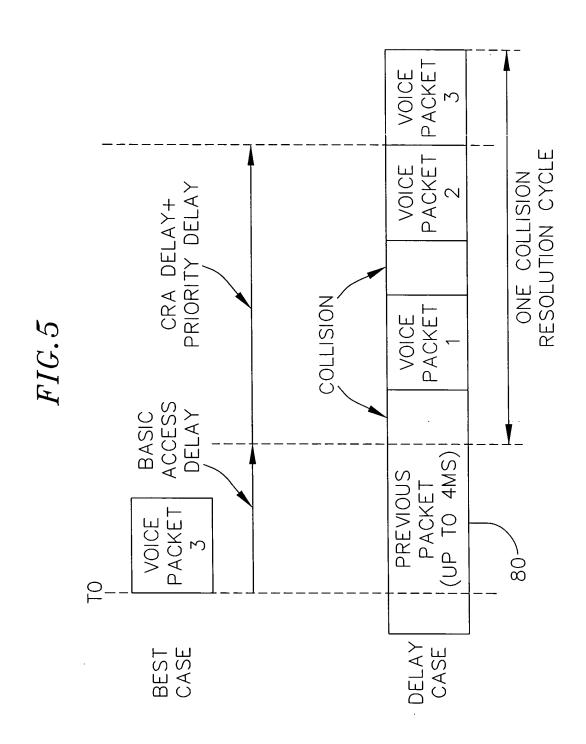
Attorney: Colin Dorrian
Docket No.: 52351/RJP/B600
Inventor(s): John T. Holloway et al.
Title: SYNCHRONIZED TRANSPORT ACROSS
NON-SYNCHRONOUS NETWORK
Sheet 1 of 17 .305 TELEPHONE POTS CUSTOMER PREMISES FAX0000 MODEM 16 TELEPHONE POTS 305-PREMISES UTP WIRING DEMARCATION POINT (TELEPHONE NETWORK INTERFACE) 24 22 SUBSCRIBER LOOP FIG. 1 TO CENTRAL OFFICE

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Sheet 2 of 17 -305 TELEPHONE POTS $\frac{\cdot}{\infty}$ -CUSTOMER PREMISES FAX 0000 MODEM 16~ POTS TELEPHONE PREMISES UTP WIRING 305-CABLE MODEM 9 COAX HFC 38 32 FIG.2**CMTS** HEADEND ROUTER INTERNET INTERNET



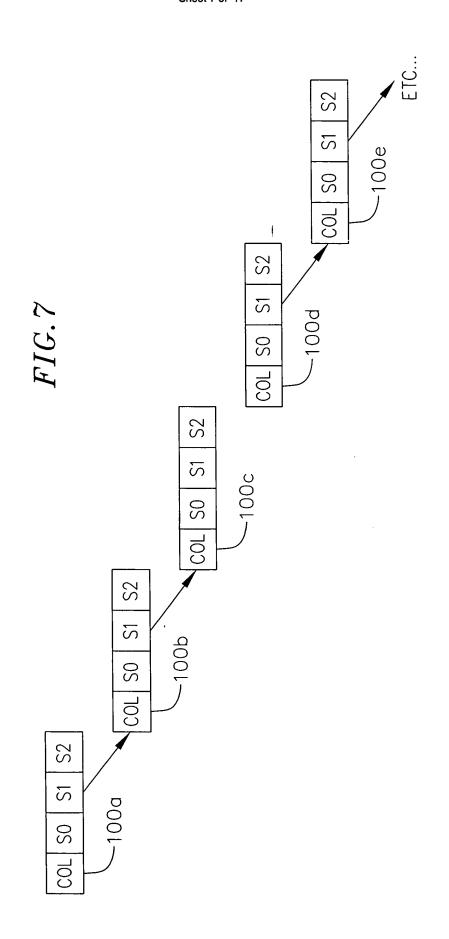




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S5 \sim 96-S0 700 **S**2 \tilde{S} 94 92 20 COL **S**2 \sim 06-20 COL

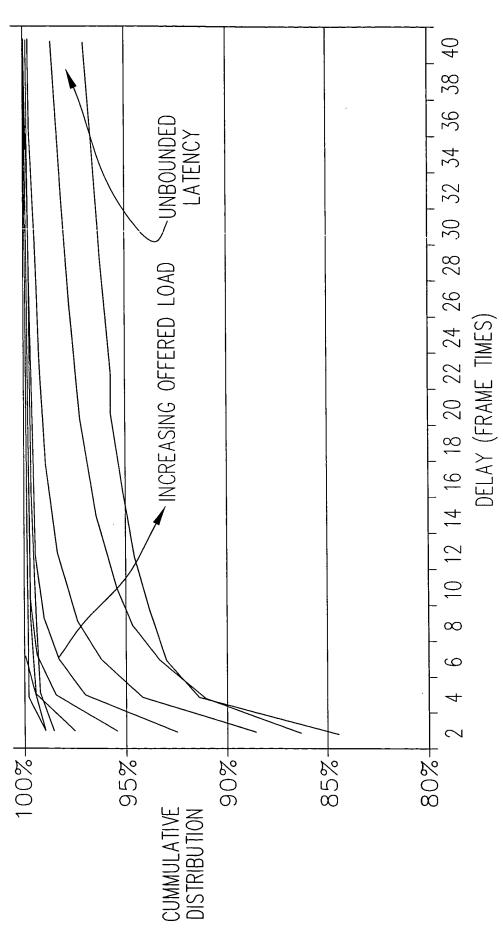
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CUMMULATIVE DISTRIBUTION

FIG. 8





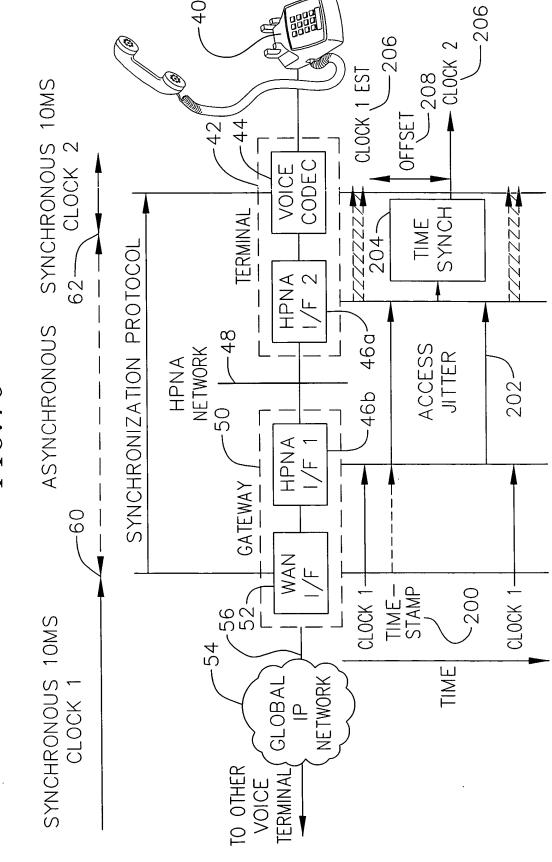


FIG. 10

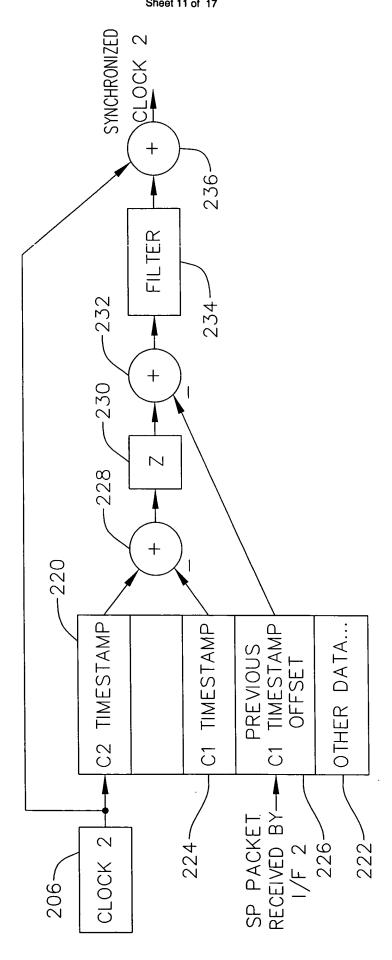
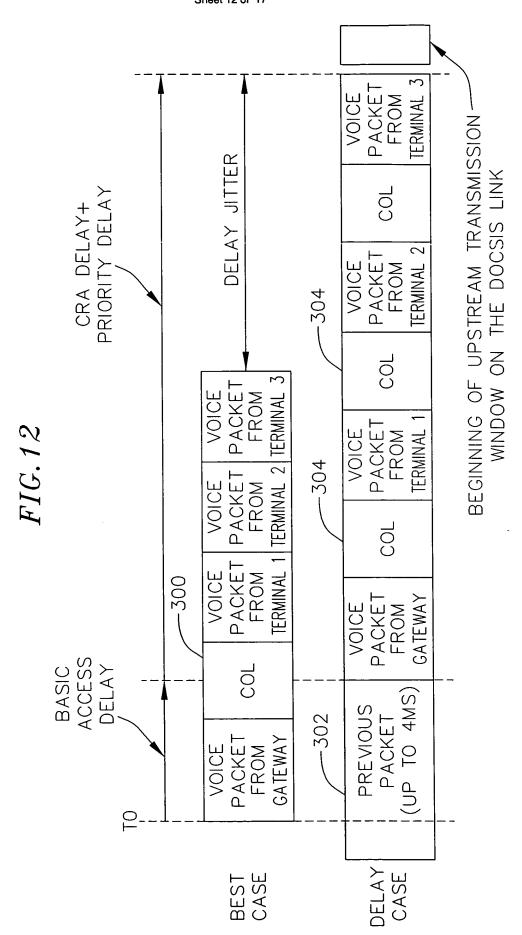


FIG. 11



PACKET FROM VOICE TERMINAL DELAY BEGINNING OF UPSTREAM TRANSMISSION JITTER TERMINAL 2 PACKET FROM WINDOW ON THE DOCSIS LINK PACKET FROM VOICE TERMINAL PACKET FROM FIG. 13 VOICE TERMINAL 7 GATEWAY—TERMINA! PACKET VOICE FROM TERMINAL INFORMATION ORDERING PACKET FROM GATEWAY VOICE PACKET FROM VOICE TERMINAL TO 4MS) **PREVIOUS** PACKET GATEWAY VOICE PACKE. FROM (UP DELAY CASE CASE BEST

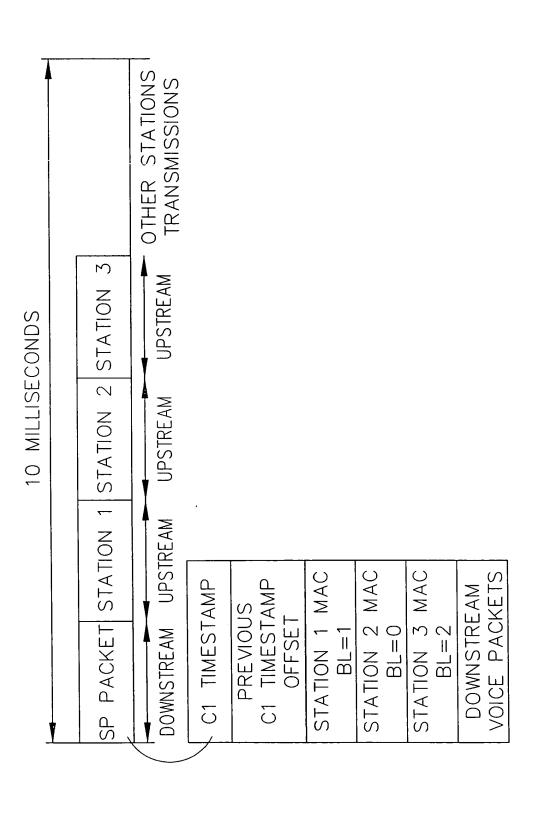
PACKET VOICE TERMINAL ORDERING BEGINNING OF UPSTREAM TRANSMISSION / WINDOW ON THE DOCSIS LINK 7 PACKET FROM VOICE TERMINAL COL SAVED PACKET FROM VOICE TERMINAL GATEWAY VOICE PACKE-FROM BEST CASE

PACKET FROM BEGINNING OF UPSTREAM TRANSMISSION VOICE TERMINAL WINDOW ON THE DOCSIS LINK PACKET FROM **TERMINAL** PACKET FROM VOICE TERMINAL GATEWAY PACKET FROM VOICE BEST CASE KEEP OUT WINDOW TO 4MS PREVIOUS PACKET -009

FIG. 15

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FIG. 16



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